

Species Tag:	19001	Species Name:	HO-18
Version:	2		Hydroxyl radical,
Date:	May 1983		X <sup>II</sup> states
Contributor:	H. M. Pickett		<sup>18</sup> O isotope
Lines Listed:	295	Q(300.0)=	81.941
Freq. (GHz) <	9839	Q(225.0)=	60.618
Max. J:	14	Q(150.0)=	40.327
LOGSTR0=	-9.9	Q(75.00)=	22.824
LOGSTR1=	-9.6	Q(37.50)=	17.053
Isotope Corr.:	-2.690	Q(18.75)=	16.007
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	15.929
$\mu_a$ =	1.667	A=	
$\mu_b$ =		B=	552470.
$\mu_c$ =		C=	

The microwave data have been reported in R. A. Beaudet and R. L. Poynter, 1978, J. Phys. Chem. Ref. Data **7**, 311. The fit involved constraining the constants by isotope relations to the mean of those for OH and OD, since only  $\Lambda$  doubling data are available. The dipole moment was assumed to be the same as for the parent species.